

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:19:40 ON 17 JUL 2007

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 10:19:55 ON 17 JUL 2007

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FILE COVERS 1907 - 17 Jul 2007 VOL 147 ISS 4

FILE LAST UPDATED: 16 Jul 2007 (20070716/ED)

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<http://www.cas.org/infopolicy.html>

=> s (aerosil) (p) membrane (p) (dna or nucleic or polynucleotide or oligonucleotide or rna)

13028 AEROSIL

256 AEROSILS

13082 AEROSIL

(AEROSIL OR AEROSILS)

753082 MEMBRANE

328063 MEMBRANES

843463 MEMBRANE

(MEMBRANE OR MEMBRANES)

839861 DNA

19428 DNAS

842887 DNA

(DNA OR DNAS)

200142 NUCLEIC

13 NUCLEICS

200145 NUCLEIC

(NUCLEIC OR NUCLEICS)

13544 POLYNUCLEOTIDE

13628 POLYNUCLEOTIDES

22478 POLYNUCLEOTIDE

(POLYNUCLEOTIDE OR POLYNUCLEOTIDES)

57205 OLIGONUCLEOTIDE

53895 OLIGONUCLEOTIDES

88267 OLIGONUCLEOTIDE

(OLIGONUCLEOTIDE OR OLIGONUCLEOTIDES)

331139 RNA

27393 RNAS

336170 RNA

(RNA OR RNAS)

L1 0 (AEROSIL) (P) MEMBRANE (P) (DNA OR NUCLEIC OR POLYNUCLEOTIDE OR

OLIGONUCLEOTIDE OR RNA)

```
=> s (aerosil) (p) (dna or nucleic or polynucleotide or oligonucleotide or rna)
    13028 AEROSIL
    256 AEROSILS
    13082 AEROSIL
        (AEROSIL OR AEROSILS)
    839861 DNA
    19428 DNAS
    842887 DNA
        (DNA OR DNAS)
    200142 NUCLEIC
    13 NUCLEICS
    200145 NUCLEIC
        (NUCLEIC OR NUCLEICS)
    13544 POLYNUCLEOTIDE
    13628 POLYNUCLEOTIDES
    22478 POLYNUCLEOTIDE
        (POLYNUCLEOTIDE OR POLYNUCLEOTIDES)
    57205 OLIGONUCLEOTIDE
    53895 OLIGONUCLEOTIDES
    88267 OLIGONUCLEOTIDE
        (OLIGONUCLEOTIDE OR OLIGONUCLEOTIDES)
    331139 RNA
    27393 RNAS
    336170 RNA
        (RNA OR RNAS)
L2      8 (AEROSIL) (P) (DNA OR NUCLEIC OR POLYNUCLEOTIDE OR OLIGONUCLEOTI
        DE OR RNA)
```

=> dup remove l2

PROCESSING COMPLETED FOR L2

L3 8 DUP REMOVE L2 (0 DUPLICATES REMOVED)

=> d ti 1-8

```
L3  ANSWER 1 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Charged emulsions for site-specific micrometer and nanometer scale
    deposition and applications in the manufacture of DNA chips

L3  ANSWER 2 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Prophylactic or therapeutic agents for mitochondrial diseases containing
    taurine, its precursors, and its derivatives

L3  ANSWER 3 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Electrospraying methods for fluid analysis systems and apparatus for
    employing the methods and its use

L3  ANSWER 4 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Biophysical studies of fullerene-based composite for bio-nanotechnology

L3  ANSWER 5 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Method of isolation and purification of nucleic acids

L3  ANSWER 6 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Use of Aerosil A-300 and GF/F (GF/C) filters for the
    purification of DNA fragments, plasmid DNA, and
    RNA

L3  ANSWER 7 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI  Specificity of the Crithidia luciliae method for detecting anti-DNA
    antibodies. Effect of absorption for lipoproteins

L3  ANSWER 8 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
```

TI Influence of pH on the detection of low- and high-avidity anti-dsDNA

=> d kwic 5,6

L3 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

IT 7631-86-9, Aerosil, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(colloidal, sorbent; method of isolation and purification of nucleic acids)

L3 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

TI Use of Aerosil A-300 and GF/F (GF/C) filters for the purification of DNA fragments, plasmid DNA, and RNA

AB Aerosil A-300 and GF/F (GF/C) filters were used for the purification of plasmid DNA and intact RNA as well as for the recovery of DNA fractionated on agarose gels. In the presence of guanidinium thiocyanate Aerosil A-300 and GF/F (GF/C) filters selectively bound nucleic acids, while proteins, agarose polysaccharides, and salts were washed off. Nucleic acids desorbed from the Aerosil and the filters were immediately available as substrates for different biochem. procedures.

ST plasmid DNA RNA purifn Aerosil filter

IT Glass fibers, uses

RL: DEV (Device component use); NUU (Other use, unclassified); USES (Uses) (filters; purification of DNA fragments, plasmid DNA, and RNA with Aerosil filters)

IT Filters and Filtering materials

Plasmid and Episome

(purification of DNA fragments, plasmid DNA, and RNA with Aerosil filters)

IT Deoxyribonucleic acids

Ribonucleic acids

RL: PUR (Purification or recovery); PREP (Preparation) (purification of DNA fragments, plasmid DNA, and RNA with Aerosil filters)

IT 593-84-0, Guanidinium thiocyanate

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(purification of DNA fragments, plasmid DNA, and RNA with Aerosil filters)

IT 7631-86-9, Aerosil A 300, uses

RL: DEV (Device component use); NUU (Other use, unclassified); USES (Uses) (purification of DNA fragments, plasmid DNA, and RNA with Aerosil filters)

=> d bib 5,6

L3 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:498796 CAPLUS

DN 133:71103

TI Method of isolation and purification of nucleic acids

IN Griбанov, O. G.; Perevozchikova, N. A.; Gusev, A. A.

PA Vserossiiskii Nauchno-Issledovatel'skii Institut Zashchity Zhivotnykh, Russia

SO Russ.

From: Izobreteniya 1998, (28), 276.

CODEN: RUXXE7

DT Patent

LA Russian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	RU 2119954	C1	19981010	RU 1996-124403	19961227
PRAI	RU 1996-124403		19961227		

L3 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 1996:509055 CAPLUS  
 DN 125:216184  
 TI Use of Aerosil A-300 and GF/F (GF/C) filters for the  
 purification of DNA fragments, plasmid DNA, and  
 RNA  
 AU Griбанov, O. G.; Shcherbakov, A. V.; Perevozchikova, N. A.; Gusev, A. A.  
 CS Vserossiiskii Nauchno-Issledovatel'skii Institut Zashchity Zhivotnykh,  
 Vladimir, 600900, Russia  
 SO Biokhimiya (Moscow) (1996), 61(6), 1064-1070  
 CODEN: BIOHAO; ISSN: 0320-9725  
 PB Nauka  
 DT Journal  
 LA Russian

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	34.95	35.16
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

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=> file medline embase biosis

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	35.22
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.78

FILE 'MEDLINE' ENTERED AT 10:22:10 ON 17 JUL 2007

FILE 'EMBASE' ENTERED AT 10:22:10 ON 17 JUL 2007  
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FILE 'BIOSIS' ENTERED AT 10:22:10 ON 17 JUL 2007  
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=> s (aerosil) (p) (dna or nucleic or polynucleotide or oligonucleotide or rna)  
 L4 10 (AEROSIL) (P) (DNA OR NUCLEIC OR POLYNUCLEOTIDE OR OLIGONUCLEOTI  
 DE OR RNA)

=> dup remove l4

PROCESSING COMPLETED FOR L4

L5 5 DUP REMOVE L4 (5 DUPLICATES REMOVED)

=> d ti -15

L5 ANSWER 1 OF 5 MEDLINE on STN  
 TI [Use of aerosol A-300 and GF/F (GF/C) filters for purifying fragments of DNA, plasmid DNA, and RNA].  
 Ispol'zovanie aerosila A-300 i fil'trov GF/F (GF/C) dlia ochistki fragmentof DNK, DNK plazmid i RNK.

L5 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 TI Purification of DNA fragments, plasmid DNA, and RNA using aerosil A-300 and GF/F (GF/C) filters.

L5 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 1  
 TI Specificity of the Crithidia luciliae method for detecting anti-DNA antibodies. Effect of absorption for lipoproteins.

L5 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 2  
 TI Influence of pH on the detection of low- and high-avidity anti-dsDNA.

L5 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 3  
 TI The use of polyethylene glycol precipitation to detect low-avidity anti-DNA antibodies in systemic lupus erythematosus.

=> d bib 1,2

L5 ANSWER 1 OF 5 MEDLINE on STN  
 AN 97000252 MEDLINE  
 DN PubMed ID: 9011244  
 TI [Use of aerosol A-300 and GF/F (GF/C) filters for purifying fragments of DNA, plasmid DNA, and RNA].  
 Ispol'zovanie aerosila A-300 i fil'trov GF/F (GF/C) dlia ochistki fragmentof DNK, DNK plazmid i RNK.

AU Griбанov P G; Shcherbakov A V; Perevozchikova N A; Gusev A A  
 SO Biokhimiia (Moscow, Russia), (1996 Jun) Vol. 61, No. 6, pp. 1064-70.  
 Journal code: 0372667. ISSN: 0320-9725.

CY RUSSIA: Russian Federation  
 DT (ENGLISH ABSTRACT)  
 Journal; Article; (JOURNAL ARTICLE)

LA Russian  
 FS Priority Journals  
 EM 199702  
 ED Entered STN: 19 Feb 1997  
 Last Updated on STN: 19 Feb 1997  
 Entered Medline: 4 Feb 1997

L5 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 1997:126455 BIOSIS  
 DN PREV199799418268  
 TI Purification of DNA fragments, plasmid DNA, and RNA using aerosil A-300 and GF/F (GF/C) filters.

AU Griбанov, O. G. [Reprint author]; Shcherbakov, A. V.; Perevozchikova, N. A.; Gusev, A. A.  
 CS Res. Inst. Anim. Prot., Institutskii Gorodok, Vladimir 600900, Russia  
 SO Biochemistry (Moscow), (1996) Vol. 61, No. 6, pp. 764-768.  
 CODEN: BIORAK. ISSN: 0006-2979.

DT Article  
 LA English  
 ED Entered STN: 25 Mar 1997  
 Last Updated on STN: 2 May 1997

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.81	40.03

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-0.78

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